



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

APR 23 2001

DOT-E 12622

EXPIRATION DATE: March 31, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Atlantic Research Corporation (ARC)
Automotive Products Group
Knoxville, TN
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain materials described in paragraph 6 below, from one ARC facility to another ARC facility, as not subject to the shipping paper and placarding requirements in Part 172. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.200 in that shipping paper requirements are waived and § 172.500 in that placarding requirements are waived.
5. BASIS: This exemption is based on the application of the Atlantic Research Corporation dated January 17, 2001, submitted in accordance with § 107.105 and the public proceeding thereon, and supplemental correspondence dated February 20 and 26, 2001.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Airbag Inflators, compressed gas	2.2	UN3353	n/a
Argon, compressed	2.2	UN1006	n/a
Cartridges, power device*	1.3C	UN0275	II
Cartridges, power device*	1.4C	UN0276	II
Igniters*	1.4G	UN0325	II
Igniters*	1.4S	UN0454	II
Propellant Solid*	1.3C	UN0499	II
Rare gases mixtures, compressed	2.2	UN1979	n/a
Compressed gas, n.o.s. (Argon)	2.2	UN1956	n/a

* Only those explosive materials approved in accordance with § 173.56 are authorized for transportation under this exemption.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging is as prescribed in the HMR for the materials listed in paragraph 6 above. No more than 200 kg of Division 1.3C and/or Division 1.4C materials are authorized per motor vehicle.

b. OPERATIONAL CONTROLS:

(1) Transportation is restricted to movement on public roads as follows: Midpark Road in Knoxville, TN, 0.4 miles to Middlebrook Pike for 0.7 miles, and then onto Third Creek Road for 0.4 miles to the other ARC plant site.

(2) The Atlantic Research Corporation will use a contract carrier, Skyline Transportation of Knoxville, TN, to transport the materials covered under this exemption. In certain circumstances, a vehicle owned and operated by ARC may be used to transport the materials listed in this exemption.

8. SPECIAL PROVISIONS:

a. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

b. MARKING - Packagings containing the materials covered under this exemption must be marked "DOT-E 12622".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous
Materials Safety, Research and Special Programs Administration,
Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office.
Photo reproductions and legible reductions of this exemption are
permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S.
Department of Transportation, 400 7th Street, S.W., Washington,
DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM